

**From:** [Purcell, Mark](#)  
**To:** [Criner, Jeffrey J.](#); [Earle Dixon](#)  
**Subject:** Draft Phase 2 Report - San Mateo Creek Basin Legacy Uranium site  
**Date:** Friday, October 13, 2017 9:54:00 AM  
**Attachments:** [Phase 2 Draft Report Oct 9 2017 - Dft 06 Purcell.doc](#)  
[Draft Table of Contents.docx](#)

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Jeff, Earle,

I have attached the draft P2 report as well as an outline of the report. I need the both of you to read it as a clean, fresh draft and provide edits as you deem appropriate.

There are many modifications in the text as well as the structure of the document. I pulled out some sections and placed them at the back end of the document for appendices to shorten the main body of the report. Others may need to be pulled out as well as there are some awkward sections (such as SPLP tests). And we will need to discuss all of these to see if it makes sense to put them in appendices.

I have included my write up for the maps prepared. Hopefully, they make more sense to you as there is some structure to the madness. I have not touched the Geochemistry section, but it will need to be refined a bit to keep the style and terminology consistent throughout the report.

I took a shot at writing the description of the alluvium-bedrock mix hydrostratigraphic unit. As Earle had indicated it needed to be presented up front to make the geochemistry section make sense. I have also added some of Earle's earlier write up on mass loadings.

There are still parts of the report that need to be improved (I want to rewrite some of the geology setting stuff), and we can work on that. But I think it flows much better now. We do not discuss background characterization in this report and we may need to. Think about that as well.

Please feel free to make any revisions you deem appropriate. If something is awkward or out of place or needs to be changed, please make those changes. But I need you to use track changes now, so we can all see where it is being edited. I did not use track changes on this document as the rewrite was too extensive.

This document had a mind of its own and would keep changing the numbering system of the sections on me. (for example, it would change section 4.2 into 4.2.1 all on its own). It probably had to do with me cutting and pasting text from other documents (mine, Earle's) into the main report. And it may also be caused by the automated Table of Contents. I do not like that function. Drove me nuts and I finally stopped messing with it. Jeff, we will need someone with word processing skills to fix this. The attached outline has the correct numerical designations of all sections that we can check it with.

We still need to write the USGS section (Addendum), the Discussions and Conclusions. I think once those are done, we send it out to internal reviewers. We can add the Executive Summary last. I think we need to keep these sections to clear and concise statements that simplify (to the extent we can) the overall body of work. Similar to the Phase 1 report.

Finally, there are still edits we need to make on the figures and we should continue to do so. I have an intern working on a small cross section that will support the Dakota work. If it turns out, we will need to prepare it as well as an eleventh hour kind of item. I have already mentioned it in the report.

Sorry this took so long, but many other commitments on my plate right now.

Mark

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